CURRICULUM VITAE BRENDA MAKANZA

Role: Principal Environmental Scientist

Name of Firm: DIGES Group

Name of Staff: Brenda Makanza

Date of Birth: 24 March 1981

Total Years of Experience: 17 years

Education:

Qualification	Institution	Date obtained
ISO 14001:2015- Lead Auditor	SACAS	2022
Incident Investigation- Level 3	NOSA	2020
ISO 45001:2018 & ISO 14001:2015: Implementation & Audit	NOSA	2020
SAMTRAC	NOSA	2020
Post Graduate Diploma: Geoinformatics (GIS)	Universetat Salzburg	2016
Bachelor of Science (Hons) Environmental Science	National University of Science and Technology	2004

Membership of Professional Associations:

Professional Associations	Membership
SACNASP	Pr. Sci. Nat (Reg No.: 400016/17)
EAPASA	Environmental Assessment Practitioner (Reg No. 2019/1542)
WISA	Member

Other Training:

- Project Estimating and Procurement – University of Pretoria.
- Integrated Water Resources Management- Saxon University, The Netherlands

Employment Record:

DIGES Group
Senior Environmental Scientist/ECO – February 2009 to date

Ministry of Environment, Water & Climate
SABSP Project Assistant- March 2005 to Jan 2009

IUCN: The World Conservation Union
Ecosystems Programme: Aug 2002- July 2003

Summary

A dedicated and passionate Environmentalist with valuable theoretical and experiential acumen in the areas of environmental conservation and administration. She holds 17 years of experience gained through direct involvement in several conservation initiatives and leverages academic skills gained through an honours level degree in Environmental Science and Post Graduate Certificates in Integral Water Management and Geo-informatics; alongside the proficient ability to actively and valuably participate in the development, design and implementation of environmental / conservation management policies and consultation initiatives; thereby supporting the highest standards of Environmental Management and Sustainable Development, in all undertakings.

Projects and Professional Technical Experience

Walkdowns and CEMPr

- **2014:** Walkdown and CEMPr for the Ariadne-Venus 400kV powerline within various Municipalities in KZN Province
- **2016:** Walkdown and compilation of CEMPr for the Medupi Witkop 400kV powerline in various Municipalities, Limpopo Province.

Basic Assessment

- **EAP, 2010:** EMP and Basic Assessment Report for Establishment of Seshego Cemetery within Polokwane Local Municipality.
- **EAP, 2010:** EMP and Basic Assessment Report for Upgrading of gravel road from Praktiseer to Taung village within Greater Tubatse Local Municipality
- **EAP, 2014:** Basic Assessment for the construction of Klarinet Bridge within Emalahleni Local Municipality.
- **EAP, 2015-2017:** Proposed construction of a 132kV power line from PPRUST substation to the proposed Akanani substation within Mogalakwena Local Municipality.
- **EAP, 2015-2018:** Basic Assessment for the establishment of Sakhelwe extension within Emakhazeni Local Municipality.
- **Project Manager, Reviewer. 2020.** Proposed Southgate Township Establishment within Polokwane Local Municipality**.**

Scoping & Environmental Impact Assessments

- **EAP, 2010-2011:** Proposed construction of a 30 km 132kV power line from Amandla substation within Elias Motsoaledi Local Municipality, Greater Sekhukhune District to Kwaggafontein substation within Thembisile Hani Local Municipality, Nkangala District.
- **EAP, 2010-2011:** Proposed construction of a 45 km 132kV power line from Jane Furse ss to the new Mamatsekele ss within Makhuduthamage Local Municipality, Greater Sekhukhune District.
- **EAP, 2011-2012:** Proposed Koedoesdoorns township establishment within Thabazimbi Local Municipality;
- **EAP, 2011-2012:** Proposed Madala township establishment within Emakhazeni Local Municipality.
- **EAP, 2014-2016:** Proposed Rustenburg Strengthening Project within Rustenburg Local Municipality.
- **EAP, 2016-2018:** Proposed construction for the Limpopo East Strengthening Corridor within Limpopo Province.
- **Reviewer, 2018:** Proposed construction of Hyperrama pipeline within COE.

Amendments

- **EAP, 2013 and 2014:** First and second amendment for the 132kV Mamatsekele poweline within Limpopo Province.

Water Use Licence Applications

- **EAP, 2014:** WULA for Klarinet Ext5 and Ext6 Bridge Construction.
- **EAP, 2017:** WULA for construction of 400kV Ariadne-Venus power line within KZN province.
- **EAP, 2019:** General Authorisation for the construction of Hyperrama pipeline within COE.

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Monitoring

- **Lead Auditor, 2019-2022:** Landfill auditing and water monitoring at City of Ekurhuleni's operational and closed landfills.
- **Lead Auditor, 2017-2019:** Landfill auditing and water monitoring at City of Ekurhuleni's operational and closed landfills.